

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                         | DBs                                         | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|---------|------------------|
| L4    | 1    | "4910931".pn.                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT                          | OR               | ON      | 2007/08/01 16:28 |
| L5    | 41   | ("1746816"   "1954730"  <br>"2147035"   "2298319"   "2329585"<br>  "2530940"   "2934931"  <br>"3287866"   "3293810"   "3562982"<br>  "3668829"   "3852925"  <br>"4333281"   "4381630"   "4486986"<br>  "4612742").PN. OR ("4910931").<br>URPN.                                                       | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | ON      | 2007/08/01 16:29 |
| L6    | 498  | (52/169.5).CCLS.                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/08/01 17:18 |
| L7    | 172  | (52/302.4).CCLS.                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/08/01 17:16 |
| L8    | 27   | ("0835669"   "1746816"  <br>"2657570"   "2934931"   "3293810"<br>  "3429084"   "3668829"  <br>"4253285"   "4272931"   "4375143"<br>  "4612742"   "4907385"  <br>"4910931"   "5115614"   "5120162"<br>  "5274968"   "5596857").PN. OR<br>("6202366").URPN.                                            | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | ON      | 2007/08/01 17:16 |
| L9    | 12   | ("4102093"   "4986699"  <br>"5065557"   "5115614").PN. OR<br>("6023892").URPN.                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | ON      | 2007/08/01 17:16 |
| L10   | 10   | ("5230189").PN. OR ("5343661").<br>URPN.                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | ON      | 2007/08/01 17:16 |
| L11   | 46   | ("1746816"   "1954730"  <br>"2147035"   "2298319"   "2329585"<br>  "2705887"   "2934931"  <br>"3287866"   "3293810"   "3562892"<br>  "3668829"   "3852925"  <br>"4282691"   "4333281"   "4381630"<br>  "4486986"   "4612742"  <br>"4852320"   "4907385"  <br>"4910931").PN. OR ("5230189").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | ON      | 2007/08/01 17:16 |

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|     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |    |     |                  |
|-----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----|-----|------------------|
| L12 | 65   | ("1616977"   "1951421"  <br>"1954730"   "2147035"   "2213355"<br>  "2298319"   "2329585"  <br>"2634601"   "2705887"   "2856766"<br>  "2934931"   "3287866"  <br>"3293810"   "3668829"   "3772840"<br>  "3852925"   "3999349"  <br>"4129972"   "4224773"   "4282691"<br>  "4333281"   "4373314"  <br>"4381630"   "4422271"   "4486968"<br>  "4612742"   "4622796"  <br>"4835928"   "4852320"   "4869043"<br>  "4907385"   "4910931"  <br>"5230189").PN. OR ("5598673").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/08/01 17:16 |
| L13 | 142  | L7 NOT (L6 L8 L9 L10 L11 L12)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/08/01 17:16 |
| L14 | 760  | (52/302.3).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2007/08/01 17:16 |
| L15 | 567  | L14 NOT (L6 L7 L8 L9 L10 L11<br>L12)                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/08/01 17:16 |
| L16 | 1158 | (52/302.1).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2007/08/01 17:16 |
| L17 | 8    | ("0964942"   "2007689"  <br>"2931215"   "3579930"  <br>"4372585").PN. OR ("4656802").<br>URPN.                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2007/08/01 17:16 |
| L18 | 865  | L16 NOT (L6 L14 L7 L8 L9 L10<br>L11 L12 L17)                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/08/01 17:16 |
| L19 | 699  | (52/606).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2007/08/01 17:17 |
| L20 | 535  | L19 NOT (L6 L16 L14 L7 L8 L9<br>L10 L11 L12 L17)                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/08/01 17:17 |

## EAST Search History

|     |     |                                                            |                                                       |    |     |                  |
|-----|-----|------------------------------------------------------------|-------------------------------------------------------|----|-----|------------------|
| L21 | 4   | ("2199946").URPN.                                          | USPAT                                                 | OR | ON  | 2007/08/01 17:17 |
| L22 | 285 | (52/405.1).CCLS.                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2007/08/01 17:17 |
| L23 | 221 | L22 NOT (L6 L16 L14 L7 L8 L L9<br>L10 L11 L12 L17 L20 L21) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/08/01 17:17 |